

# Cristina Marzano

## List of Publications by Year in descending order

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65  
papers

5,237  
citations

136740

32  
h-index

114278

63  
g-index

66  
all docs

66  
docs citations

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times ranked

6279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu(I) and Cu(II) Complexes Based on Lonidamine-Conjugated Ligands Designed to Promote Synergistic Antitumor Effects. <i>Inorganic Chemistry</i> , 2022, 61, 4919-4937.	1.9	11
2	Glucose-coated superparamagnetic iron oxide nanoparticles prepared by metal vapor synthesis can target GLUT1 overexpressing tumors: In vitro tests and in vivo preliminary assessment. <i>PLoS ONE</i> , 2022, 17, e0269603.	1.1	4
3	Improvement of Kiteplatin Efficacy by a Benzoato Pt(IV) Prodrug Suitable for Oral Administration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7081.	1.8	9
4	Pt( $\lambda^5$ ) complexes based on cyclohexanediamines and the histone deacetylase inhibitor 2-(2-propynyl)octanoic acid: synthesis, characterization, cell penetration properties and antitumor activity. <i>Dalton Transactions</i> , 2021, 50, 4663-4672.	1.6	11
5	Effect of chirality on the anticancer activity of Pt( $\lambda^5$ ) and Pt( $\lambda^4$ ) complexes containing 1 <i>R</i> ,2 <i>R</i> and 1 <i>S</i> ,2 <i>S</i> enantiomers of the <i>trans</i> -1,2-diamino-4-cyclohexene ligand (DACHEX), an analogue of diaminocyclohexane used in oxaliplatin. <i>Dalton Transactions</i> , 2021, 50, 15655-15668.	1.6	7
6	In vitro antitumor activity of water-soluble copper(I) complexes with diimine and monodentate phosphine ligands. <i>Arabian Journal of Chemistry</i> , 2020, 13, 998-1010.	2.3	16
7	Anticancer activity, DNA binding and cell mechanistic studies of estrogen-functionalised Cu(II) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 49-60.	1.1	18
8	Antiproliferative Homoleptic and Heteroleptic Phosphino Silver(I) Complexes: Effect of Ligand Combination on Their Biological Mechanism of Action. <i>Molecules</i> , 2020, 25, 5484.	1.7	17
9	In vitro and in vivo anticancer activity of tridentate thiosemicarbazone copper complexes: Unravelling an unexplored pharmacological target. <i>European Journal of Medicinal Chemistry</i> , 2020, 194, 112266.	2.6	85
10	Synthesis and Cytotoxic Activity Evaluation of New Cu(I) Complexes of Bis(pyrazol-1-yl) Acetate Ligands Functionalized with an NMDA Receptor Antagonist. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2616.	1.8	20
11	Synthesis, Characterization and Biological Activity of Novel Cu(II) Complexes of 6-Methyl-2-Oxo-1,2-Dihydroquinoline-3-Carbaldehyde-4n-Substituted Thiosemicarbazones. <i>Molecules</i> , 2020, 25, 1868.	1.7	18
12	Platinum(IV) Complexes of <i>trans</i> -1,2-diamino-4-cyclohexene: Prodrugs Affording an Oxaliplatin Analogue that Overcomes Cancer Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2325.	1.8	12
13	A Pt(IV) prodrug of kiteplatin with the bone-targeting pyrophosphate ligand. <i>Inorganica Chimica Acta</i> , 2019, 494, 98-104.	1.2	6
14	Syntheses and Biological Studies of Cu(II) Complexes Bearing Bis(pyrazol-1-yl)- and Bis(triazol-1-yl)-acetato Heteroscorpionate Ligands. <i>Molecules</i> , 2019, 24, 1761.	1.7	18
15	Phosphine-copper(I) complexes as anticancer agents: design, synthesis, and physicochemical characterization. Part I. , 2019, , 61-82.		6
16	Phosphine copper(I) complexes as anticancer agents: biological characterization. Part II. , 2019, , 83-107.		8
17	A minimal structural variation can overcome tumour resistance of oxaliplatin: the case of 4,5-dehydrogenation of the cyclohexane ring. <i>RSC Advances</i> , 2019, 9, 32448-32452.	1.7	7
18	Synthesis, characterization and cytotoxic activity of novel copper(II) complexes with aroylhydrazone derivatives of 2-Oxo-1,2-dihydrobenzo[h]quinoline-3-carbaldehyde. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 18-28.	1.5	41

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19	The first water-soluble copper(I) complexes bearing sulfonated imidazole- and benzimidazole-derived N-heterocyclic carbenes: Synthesis and anticancer studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4185.	1.7	23
20	A Pt(IV) Prodrug Combining Chlorambucil and Cisplatin: a Dual-Acting Weapon for Targeting DNA in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3775.	1.8	19
21	Syntheses and biological studies of nitroimidazole conjugated heteroscorpionate ligands and related Cu(I) and Cu(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 33-40.	1.5	22
22	Dual-acting antitumor Pt(IV) prodrugs of kiteplatin with dichloroacetate axial ligands. <i>Dalton Transactions</i> , 2018, 47, 7144-7158.	1.6	21
23	Multi-Acting Mitochondria-Targeted Platinum(IV) Prodrugs of Kiteplatin with $\pm$ -Lipoic Acid in the Axial Positions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2050.	1.8	15
24	Epigenetic and antitumor effects of platinum(IV)-octanoato conjugates. <i>Scientific Reports</i> , 2017, 7, 3751.	1.6	38
25	Anticancer activity of a series of copper(II) complexes with tripodal ligands. <i>European Journal of Medicinal Chemistry</i> , 2017, 132, 274-281.	2.6	58
26	Therapeutic potential of the phosphino Cu(I) complex (HydroCuP) in the treatment of solid tumors. <i>Scientific Reports</i> , 2017, 7, 13936.	1.6	45
27	Antitumor platinum(IV) derivatives of carboplatin and the histone deacetylase inhibitor 4-phenylbutyric acid. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 1-7.	1.5	38
28	An unsymmetric cisplatin-based Pt(IV) derivative containing 2-(2-propynyl)octanoate: a very efficient multi-action antitumor prodrug candidate. <i>Dalton Transactions</i> , 2017, 46, 14174-14185.	1.6	39
29	Encapsulation of lipophilic kiteplatin Pt(IV) prodrugs in PLGA-PEG micelles. <i>Dalton Transactions</i> , 2016, 45, 13070-13081.	1.6	27
30	Insights into the cytotoxic activity of the phosphane copper(I) complex [Cu(thp) <sub>4</sub> ][PF <sub>6</sub> ]. <i>Journal of Inorganic Biochemistry</i> , 2016, 165, 80-91.	1.5	38
31	Oxidative Stress Induced by Pt(IV) Pro-drugs Based on the Cisplatin Scaffold and Indole Carboxylic Acids in Axial Position. <i>Scientific Reports</i> , 2016, 6, 29367.	1.6	56
32	Novel multicharged silver(I)-NHC complexes derived from zwitterionic 1,3-symmetrically and 1,3-unsymmetrically substituted imidazoles and benzimidazoles: Synthesis and cytotoxic properties. <i>Journal of Organometallic Chemistry</i> , 2016, 806, 45-53.	0.8	29
33	Cytotoxicity-boosting of kiteplatin by Pt(IV) prodrugs with axial benzoate ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 85-93.	1.5	18
34	DNA damage and induction of apoptosis in pancreatic cancer cells by a new dinuclear bis(triazacyclonane) copper complex. <i>Journal of Inorganic Biochemistry</i> , 2015, 145, 101-107.	1.5	35
35	<i>trans</i> , <i>cis</i> , <i>cis</i> -Bis(benzoato)dichlorido(cyclohexane-1,2-diamine)platinum(IV): a Prodrug Candidate for the Treatment of Oxaliplatin-Refractory Colorectal Cancer. <i>ChemMedChem</i> , 2014, 9, 1299-1305.	1.6	22
36	Advances in Copper Complexes as Anticancer Agents. <i>Chemical Reviews</i> , 2014, 114, 815-862.	23.0	1,375

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37	<i>In Vitro</i> and <i>In Vivo</i> Anticancer Activity of Copper(I) Complexes with Homoscorpionate Tridentate Tris(pyrazolyl)borate and Auxiliary Monodentate Phosphine Ligands. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4745-4760.	2.9	100
38	A novel copper(I) complex induces ER-stress-mediated apoptosis and sensitizes B-acute lymphoblastic leukemia cells to chemotherapeutic agents. <i>Oncotarget</i> , 2014, 5, 5978-5991.	0.8	25
39	Synthesis and in vitro antitumor activity of water soluble sulfonate- and ester-functionalized silver(I) N-heterocyclic carbene complexes. <i>Journal of Inorganic Biochemistry</i> , 2013, 129, 135-144.	1.5	70
40	Novel Mixed-Ligand Copper(I) Complexes: Role of Diimine Ligands on Cytotoxicity and Genotoxicity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7416-7430.	2.9	72
41	Neutral and charged phosphine/scorpionate copper(I) complexes: Effects of ligand assembly on their antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 218-226.	2.6	65
42	Synthesis and Biological Activity of Ester- and Amide-Functionalized Imidazolium Salts and Related Water-Soluble Coinage Metal N-Heterocyclic Carbene Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 9873-9882.	1.9	93
43	Synthesis and characterization of azolate gold(I) phosphane complexes as thioredoxin reductase inhibiting antitumor agents. <i>Dalton Transactions</i> , 2012, 41, 5307.	1.6	36
44	Revisiting [PtCl <sub>2</sub> ( <i>cis</i> -1,4-DACH)]: An Underestimated Antitumor Drug with Potential Application to the Treatment of Oxaliplatin-Refractory Colorectal Cancer. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7182-7192.	2.9	65
45	Synthesis and characterization of novel tetrahedral copper(I) complexes comprising tridentate PNP-aminodiphosphines and tetradentate PN(X)P-substituted aminodiphosphines (X=O, S). <i>Inorganica Chimica Acta</i> , 2012, 387, 163-172.	1.2	5
46	A novel copper complex induces paraptosis in colon cancer cells, via the activation of ER stress signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 142-151.	1.6	128
47	Nitroimidazole and glucosamine conjugated heteroscorpionate ligands and related copper(II) complexes. Syntheses, biological activity and XAS studies. <i>Dalton Transactions</i> , 2011, 40, 9877.	1.6	42
48	Interaction of selenite and tellurite with thiol-dependent redox enzymes: Kinetics and mitochondrial implications. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1620-1629.	1.3	27
49	Synthesis, characterization and cytotoxic activity of palladium (II) dithiocarbamate complexes with 1,2-diamines. <i>Inorganica Chimica Acta</i> , 2011, 376, 574-580.	1.2	14
50	Cytotoxicity in human cancer cells and mitochondrial dysfunction induced by a series of new copper(I) complexes containing tris(2-cyanoethyl)phosphines. <i>Investigational New Drugs</i> , 2011, 29, 1213-1223.	1.2	32
51	Gold(III)-dithiocarbamate anticancer agents: Activity, toxicology and histopathological studies in rodents. <i>International Journal of Cancer</i> , 2011, 129, 487-496.	2.3	92
52	In vitro antitumour activity of water soluble Cu(I), Ag(I) and Au(I) complexes supported by hydrophilic alkyl phosphine ligands. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 232-240.	1.5	101
53	Copper in diseases and treatments, and copper-based anticancer strategies. <i>Medicinal Research Reviews</i> , 2010, 30, 708-749.	5.0	568
54	Cancer cell death induced by phosphine gold(I) compounds targeting thioredoxin reductase. <i>Biochemical Pharmacology</i> , 2010, 79, 90-101.	2.0	216

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55	The relationship between the electrospray ionization behaviour and biological activity of some phosphino Cu(I) complexes. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1610-1616.	0.7	27
56	A New Class of Antitumor <i>trans</i> -Amine-Amidine-Pt(II) Cationic Complexes: Influence of Chemical Structure and Solvent on in Vitro and in Vivo Tumor Cell Proliferation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6210-6227.	2.9	29
57	Copper Complexes as Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 185-211.	0.9	661
58	Treatment of human cancer cells with selenite or tellurite in combination with auranofin enhances cell death due to redox shift. <i>Free Radical Biology and Medicine</i> , 2009, 47, 710-721.	1.3	59
59	Synthesis and structural characterization of copper(I) complexes bearing N-methyl-1,3,5-triaza-7-phosphaadamantane (mPTA). <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1644-1651.	1.5	55
60	In Vitro Antitumor Activity of the Water Soluble Copper(I) Complexes Bearing the Tris(hydroxymethyl)phosphine Ligand. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 798-808.	2.9	117
61	Synthesis, Characterization, and in Vitro Antitumor Properties of Tris(hydroxymethyl)phosphine Copper(I) Complexes Containing the New Bis(1,2,4-triazol-1-yl)acetate Ligand. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7317-7324.	2.9	115
62	New copper(I) phosphane complexes of dihydridobis(3-nitro-1,2,4-triazolyl)borate ligand showing cytotoxic activity. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 299-304.	1.5	78
63	Antitumor activity of a new platinum(II) complex with low nephrotoxicity and genotoxicity. <i>Chemico-Biological Interactions</i> , 2004, 148, 37-48.	1.7	40
64	Cytotoxicity and DNA damage induced by a new platinum(II) complex with pyridine and dithiocarbamate. <i>Chemico-Biological Interactions</i> , 2002, 140, 215-229.	1.7	27
65	Synthesis and antiproliferative activity of some variously substituted acridine and azacridine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2000, 35, 827-837.	2.6	46